



CASE STUDY



The St. John's Woods Mansion | Residential | London, UK

WHERE

Finished in 2019, this 10-bedroom mansion in St John's Wood has become the most expensive home to go on the London market in 2020, with a price tag of £75 million.

The 25,000 sq ft neo-classical residence was designed to be “a traditionally British house that might be mistaken for having been there 200 years,” but still have all the comforts and controls of a modern integrated home.

REQUIRED

- World-Class Sound and Performance
- Water Resistant Indoor and Outdoor Loudspeakers
- Nearly Invisible Aesthetic
- Easy to Integrate Into a Total-Home Control System



REQUEST

Built by a real-estate developer, this home was mandated from the beginning to feel like a place without time. Located in London's new 'Billionaire Row,' no expense could be spared on luxuriousness. Origin Acoustics' partners Advanced Integration were chosen to design and install a full control system with A/V. The audio needed to be world-class but could not detract from the classic architecture and design style, and it had to work well with the chosen control system, Crestron.

This home's developer requested high-quality, seamlessly installed audio in the game room, gym, the pool, and the garden. The game room, which features a pool table, needed volume that would carry enough to be heard over a snooker game but not overwhelm the low-key vintage cocktail lounge scheme of the room. The gym required intense sound to push the workout's pace and emulate the public gym experience.

One of the most beautiful features of this mansion is the indoor pool. With high ceilings, full bar, and hosting area, this room has to have plenty of low-end and high volumes. Finally, in the garden, a scalable system with clear, even coverage was requested. It needed to be water-resistant and ready for both quiet evenings and loud summer nights.

METHOD

The goal of architectural audio in this implementation is to clear the home of any unwanted visible elements to maintain the timeless Art-Deco scheme that ties the house together. The technology, the audio, has to be ever-present but only seen and heard when called. Origin Acoustics' ceiling speakers feature the most desirable dispersion patterns due to our design team's depth of experience. Origin Acoustics three-way designs also feature advanced imaging adjustments, akin to 'toeing' in high-fidelity tower-speakers. These unique features allowed Advance Integration more flexibility in placement and, therefore, a seamless final product.

RESULT

In the garden eight LS64 bullet-style speakers were chosen along with a single OSUB10 10" burial subwoofer. This 100V system was selected because of its high clarity at low volumes and the impact of the burial subwoofer. These features allow the system to be enjoyed at low or high sound levels with consistently blended music regardless. The gym now holds two D85 three-way ceiling speakers. The 8-inch woofers provide strong, thumping bass at high-volumes, perfect for running or lifting. In the game room, since conversation is vital, six D83 two-way speakers were installed. Perfect for background audio, they can still handle plenty of power when needed.

Finally, in the pool, six D109 loudspeakers were installed. These models feature a ten-inch (254mm) woofer that presents on the ceiling as a typical eight-inch model. These are a great choice because of the high ceilings in the room and the relative loudness of water. The high ceilings allow for low frequencies to resolve before the surroundings absorb them fully. The additional loudness also helps fill the large room completely.



PRODUCTS



D109 Three-Way Ceiling Speaker

- Audiophile Grade Three-Way Architectural Loudspeaker
- Long-Throw 10" Kevlar® Woofer
- Multi-Motion Pivot™ Mid-Range and Tweeter
- 4" Kevlar® Mid-Range Driver
- 3/4" Silk DSPD™ Tweeter
- Tool-less Mounting System
- Smallest Cutout Size Available for 10" Ceiling Speakers



D85 Three-Way Ceiling Speaker

- Audiophile Grade Three-Way Architectural Loudspeaker
- Long-Throw 8" IMG Woofer
- Multi-Motion Pivot™ Mid-Range and Tweeter
- 4" IMG Mid-Range Driver
- 1" Silk DSPD™ Tweeter
- Tool-less Mounting System
- Fits into typical 6.5" Cutout Size



D83 Two-Way Ceiling Speaker

- Premium Two-Way Architectural Loudspeaker
- Long-Throw 8" IMG Woofer
- Multi-Motion Pivot™ Tweeter
- 1" Aluminum Tweeter
- Tool-less Mounting System
- Fits into typical 6.5" Cutout Size



LS66 Two-Way Outdoor Speaker

- Premium Weatherized Outdoor Loudspeaker
- 6" IMPP Woofer
- 1" Titanium Tweeter
- Bass Improving Passive Radiator
- 70/100V or 8Ω
- Flexible Mounting Options
- IPX6 Rated for Water Exposure

